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1 7. The method of claim 1 wherein:
2 the db of frequencies between 2400 Hz and 2850 Hz, and those that are between 3150 Hz
3 and 4000 Hz of the modified voice signal have increased magnitude of from 4 db to 8 db.

1 8. The method of claim 1 wherein:
2 the db of frequencies between 2850 Hz and 3150 Hz of the modified voice signal have
3 increased magnitude of from 7 db to 11 db.

1 9. A wireless call connection comprising:
2 a speech decoder coupled to a wireless receiver for receiving a signal made up of a set of
3 parameters representative of a voice signal and for converting the received signal to a voice
4 signal;
5 an adaptive filter coupled to receive the voice signal from the speech decoder to produce
6 a modified voice signal which, when encoded, will produce a second signal made up of another
7 set of parameters representative of the voice signal.

1 10. The structure of claim 9 wherein the adaptive filter modifies the magnitude of
2 selective frequencies of the spectrum of the voice signal from the decoder.

1 11. The structure of claim 10 wherein the adaptive filter modifies the magnitude of
2 selective frequencies of the spectrum of the voice signal from the decoder to compensate for
3 digital distortion caused by encoding and decoding the modified voice signal.

1 12. The structure of claim 10 wherein the adaptive filter increases the db of frequencies
2 above 3000 Hz of the voice signal from the decoder to compensate for digital distortion caused
3 by encoding and decoding the modified voice signal from the adaptive filter.

1 13. The structure of claim 10 wherein the adaptive filter increases the db of frequencies
2 above 1500 Hz of the voice signal from the decoder to compensate for digital distortion caused
3 by encoding and decoding the modified voice signal from the adaptive filter.

[illegible][illegible]